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Substitute Specification

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TOOL AND METHOD FOR CUTTING A HOLLOW PROFILE

BACKGROUND AND SUMMARY OF THE INVENTION

[0001] This application is a National Phase of PCT/EP2004/011454, filed October 13, 2004, which claims the priority of German patent document DE 103 50 156.8, filed October 28, 2003, the disclosure of which is expressly incorporated by reference herein.

[0002] The invention relates to a method and apparatus for cutting a hollow body.

[0003] German patent document DE 197 24 037 C2 discloses such a method and apparatus, which uses mechanical cutting of a flange on the hollow body along a first cutting edge and internal high pressure cutting along a second cutting edge. The fact that the hollow body is deformed according to the internal high pressure forming process is utilized to the effect that the hollow body is severed transversely to its longitudinal extent preferably after internal high pressure forming has already been performed. During internal high pressure forming, a side of a cutting device which faces the hollow body is used for cutting the flange, and serves as a die wall, against which the hollow body bears during the internal high pressure forming.